

New Bedford Regulator Specification Sheet

Regulator #: R-032A

Location: S. Second St. at Cannon St.

Date: 6/25/25

Structure Measurements

Structure Type: Multichamber (2)

Rim Elevation (ft City Datum): 9.8

Regulator Type: Fixed Weir

Overflow Height (ft or in): 1

Rim to Top of Weir (ft): 4.9

Weir Dims (ft or in): Length: 4', Width: 4", Height: 1.0'

Influent pipe ø (in): 24, 12

Rim to Influent Invert (ft): 5.9 (24"), 7.67 (12")

Dry Weather Connection ø (in): 24

Rim to Dry Weather Invert (ft): 8.5

Overflow pipe ø (in): 18, 18, 10 (capped)

Rim to Overflow Invert (ft): 12.5 (all)

Sensor Measurements

Block Present: Missing

Level Sensor Status: Metered

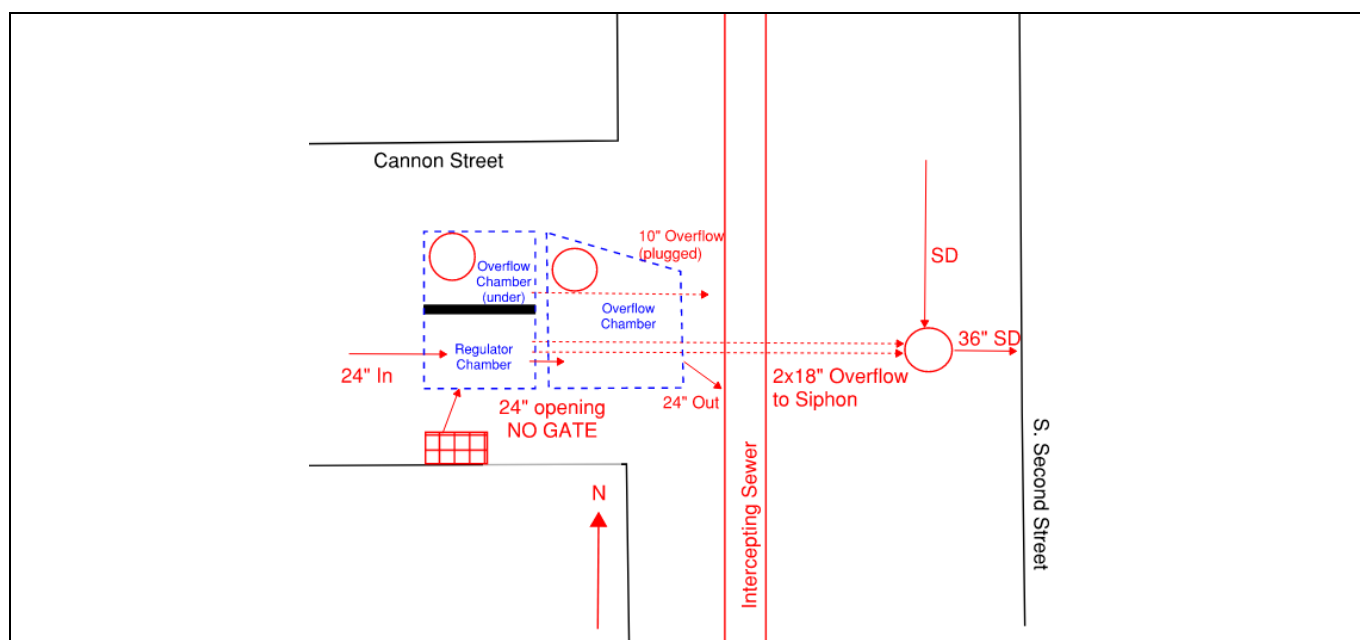
Sensor Installation Date: 7/26/2022

Intra-System Status: No

Tide Gate Status: Gate gone

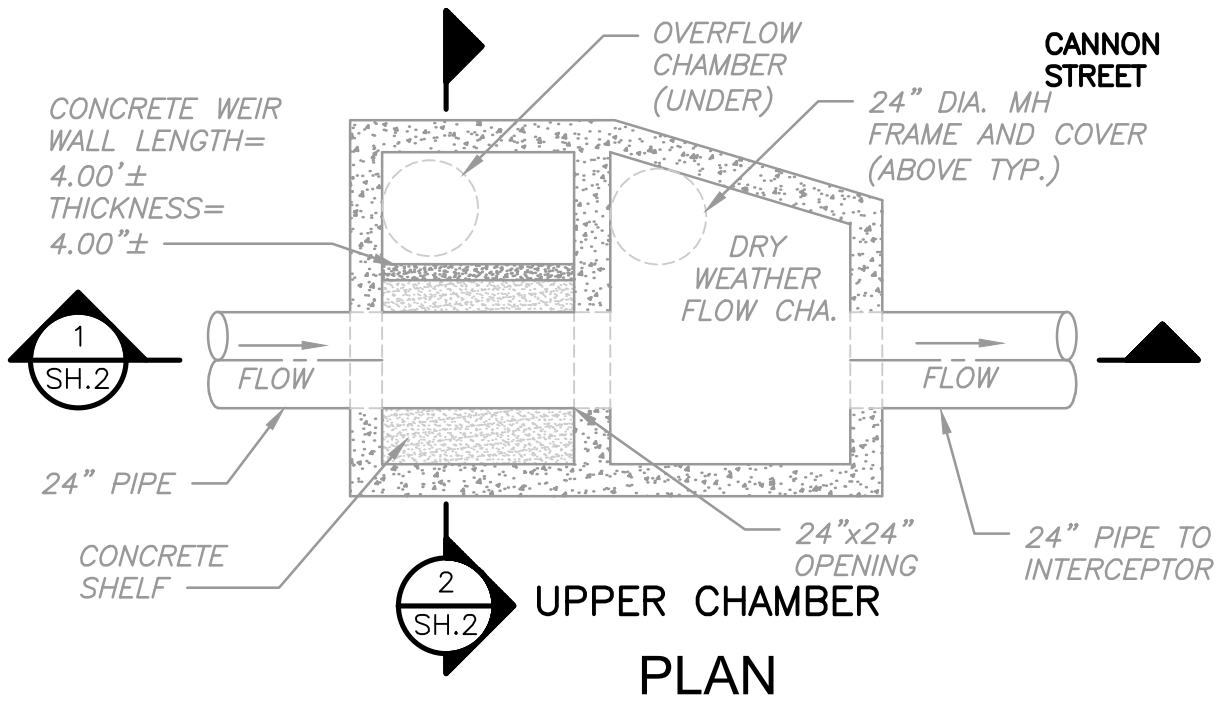
Notes: Standing water in manhole during 2023 Redzone scan obscured lower chambers. Pipe dimensions were taken from record drawing 8186 on Cannon St. Siphon. There is no tide gate. The block was missing during 1/8/25 field visit.

Location Sketch:

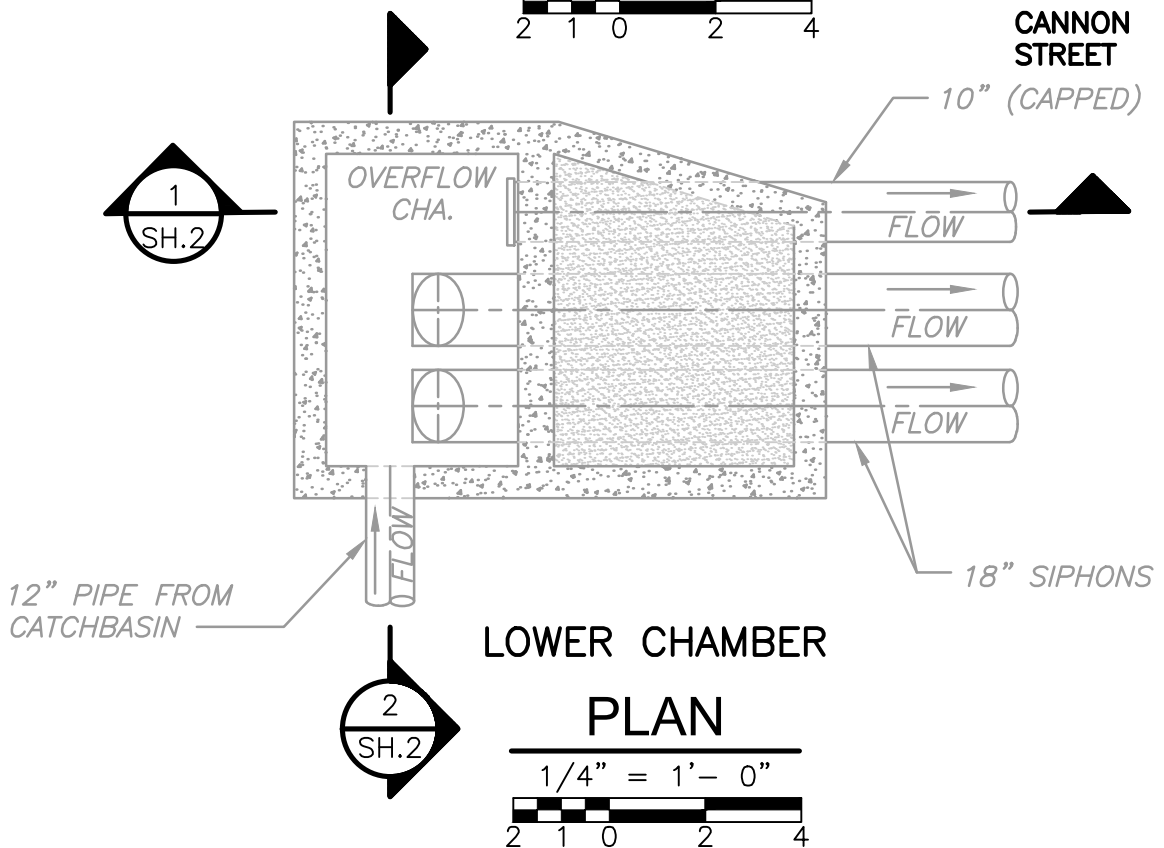


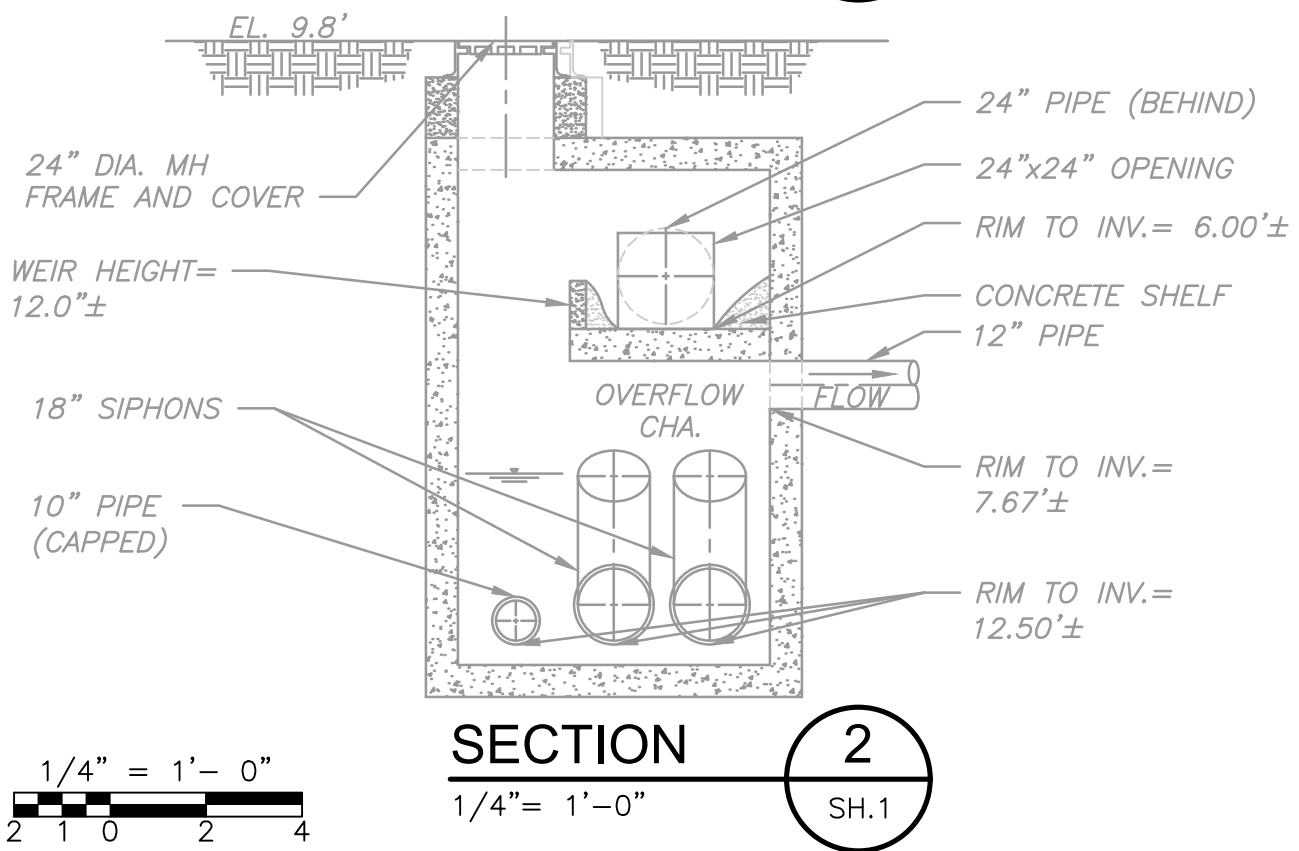
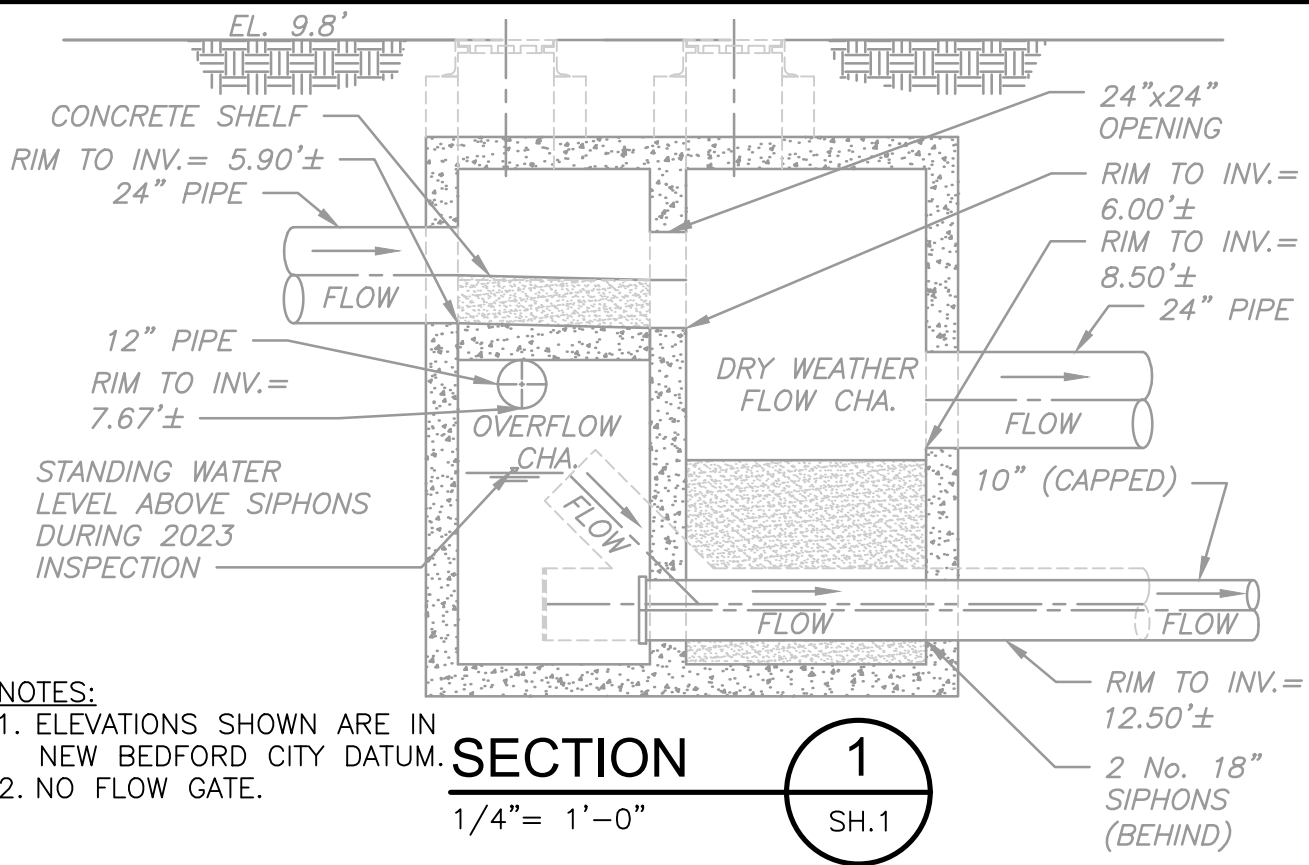


SOUTH SECOND STREET



SOUTH SECOND STREET





69

CHERRY

SIXTH

PLEASANT

PURCHASE

ACUSHNET AVE.

SO. SECOND

WALNUT

MADISON

CANNON

032A

JOHN F. KENNEDY

MEMORIAL

HIGHWAY

MAC ARTHUR

DRIVE

WATER ST

EXTENSION

67

68

PLUMBED AT 641
60. PRIORITY

REGULATOR FIELD PHOTOS

Figure 1



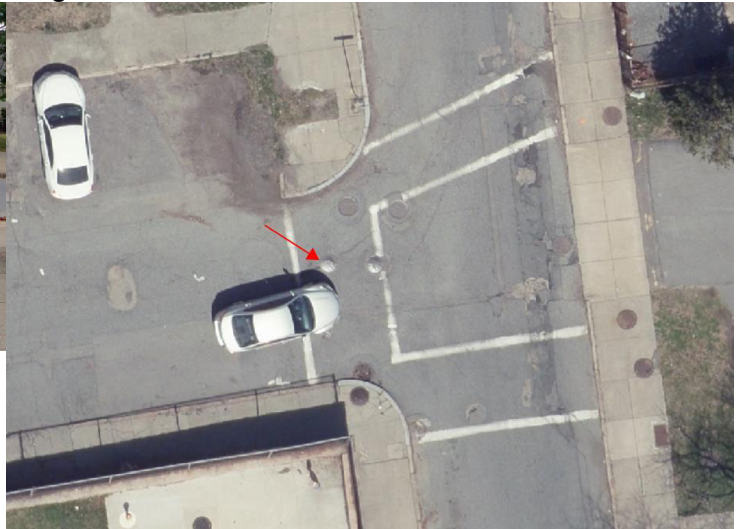
Figure 2



Figure 3



Figure 4



Descriptions:

Figure 1: Inside of R-032A. Weir, dry weather flow, and overflow chamber visible.

Figure 2: Inside of R-032A. Weir, dry weather flow, and overflow chamber visible.

Figure 3: Google Earth Snapshot facing east down Cannon Street. Manhole marked in red.

Figure 4: Aerial location with arrow pointing to corresponding manhole.